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INFO		ION DISCLO	OSURE CITAT CATION	Applicant Boon tal. 10/71742			121		
(Use several sheets if necessary)					Filing Date N v mber 19, 2003 Group Art Unit Units Units			29/3 Whi 13	
			U.S.	PATENT	DOCUMENTS				
EXAMPLER INSTAL	DC	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE IF APPROPRIATE							
GUN		5,268,833 11/1993 Capps ————							
		5,541,450	07/1996		Jones et al.				
		5,639,695	08/1997		Jones et al.				
		6,228,684	05/2001		Maruyama			·	
		6,252,300	06/2001		Hsuan et al.				
		6,323,546	11/2001		Hsuan et al.		-		
		6,352,923	03/2002		Hsuan et al.	-			
		6,461,956 10/2002 Hsuar							
		6,521,485 02/2003			Su et al.				
					Akram et al.				
	US 2	US 2001/0042901 A1 11/2001		Maruyama				•	
ann	US 2002/0079567 A1 06/2002		Lo et al.						
FOREIGN PATENT DOCUMENTS									
·	DOCUMENT Translation						station		
	NUMBER DATE COUNTRY GLASS SUBCLASS YES NO				NO				
				<u> </u>					
OTHER DOCUMENTS (tricturing Author, Title, Date, Pertinent Pages, Etc.)									
ZALM	Copy of U.S. Patent Application, Serial No. 10/183,820, filed 6/27/2002.								
		Copy of U.S. Patent Application Serial No. 10/197,986, filed 7/17/2002.							
ann	Copy of U.S. Patent Application Serial No. 10/440,590, filed 5/19/03.								
EXAMINER	EXAMINER  Sx HHAT  DATE CONSIDERED  9/5/55								
	Initial i	f citation consid			in conformance with with n xt communic			rough cit	stion if

PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OA/B 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Other: U.S. DEPARTMENT OF COMMERCE

Let of 1995, no persons we required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Complete If Known

Application Number 10/717,421

Filing Date November 19, 2003

First Named Inventor Boon et al.

Group Art Unit 2813

Examiner Name J. Mitchell

Assormey Docket Number 2269-5660US (02-1391.00/US)

(use as many sheets as necessary)

Sheet 1 of 2

Examiner Cita Izitials * No.*		Document Number	Publication Date	Name of Patentos or Applicant of	Pages Columns Lines Where Relevant
		Number - Kind Code <sup>†</sup> (if Incom)	MON-DO-YYYY	Cited Document	Passages or Relevant Figures Appear
UPT		US-4,956,694	09/1990	Eide	
$T^{-}$		US-5,138,115	08/11/1992	Lam	• • •
$T_{-}$		US- 5,313,098	05/17/1994	Eide	
T		US- 5,752,182	05/12/1998	Nakstsuka et al.	
		US- 5,834,162	11/10/1998	Malba	
		US- 5,925,824	07/20/1999	Cronin et al.	
		US- 2002/0017398 A1	02/14/2002	Hacke et al.	
		US-5,986,209	11/16/1999	Tandy	
		US-6,004,867	12/21/1999	Kim et al.	
		US- 6,335,225 B1	01/01/2002	Doan	
		US- 6,358,833 B1	03/18/2002	Akram et al.	
		US- 2001/0009300 A1	07/26/2001	Sugimum	
		US- 6,379,982 B1	04/30/2002	Ahn et al.	
		US- 2003/0102160 A1	06/05/2003	Geudiello et al.	
1		US- 2003/0162326 A1	08/28/2003	Tsubosaki et al.	
		US-6,656,827 81	12/02/2003	Tsao et al.	
		US- 2004/0158177 A1	08/12/2004	Higashitan	· · · · · · · · · · · · · · · · · · ·
<u>.</u>		US- 6,849,802 B2	02/01/2005	Song et al.	·
		US- 6,855,372	02/15,2005	Jeung et al.	4
1/9		US- 6,856,023 B2	02/15/2005	Muta et al.	·
~		US-			
		US-			
		US-			
		US-			

		FOREIGN P	ATENT DOCU	MENTS		
Examiner	Cite Foreign Patent Document			Name of Patentee or	Pages, Cohanne, Lines,	
laitials*	No.	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>8</sup> (If Incom)	Publication Date MM-DO-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T*
9XVY		SP 59-27549	02/1984	Morikuri et at.		X
-		JP 59-43556	03/1884	Sawaid		Х
		JP 5-75014	03/1993	Fujitsu LTD		X
		JP 6-97225	04/1994	Yamaji		X
LAM		JP 2001-44361	02/2001	Sakegucki et al.		X

	Examiner Signature	Ex States	Date Considered	9/12/05	
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optimal). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>2</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must proceed the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>4</sup> Applicant is to place a check mark here if English language Translation is affached.

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out Reference of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control contains. Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number 10/717,421 Filing Date November 19, 2003 First Named Inventor Boon et al. Group Art Unit 2813 Examiner Name J. Mitchell 2269-5660US (02-1391 00/US) Attorney Docket Number

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
FAU		NN81055595: "Edge Moumed MLC Packaging Scheme. May 1981; IBM Technical Disclosure Bulletin, May 1981 US: Volume 23, Issue #12, Page #5595-5598; Publication Date: May 1, 1981.				
V		Australian Search Report, 04/15/2005, 5 pages.				

Examiner Signature	2444	Date Considered	9/12/05
	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		

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